

Hawaiian Coot (*Fulica alai*)

Conservation Concern Category: **High Concern**

Population Trend (PT)

Stable—(Delany and Scott 2002: USFWS 2002)

“undoubtedly more widely distributed in prehistoric times when cultivation of taro was much more extensive...and when coastal fishponds were more numerous...population now appears stable over time despite year-to-year fluctuations” (Brisbin et al. 2002)

“once plentiful species has declined drastically as a result of wetland destruction by drainage for cultivation and other development this century...” (Taylor 1998)

PT FACTOR SCORE=3

Population Size (PS)

2,000-4,000 total individuals—(Delany and Scott 2002: Birdlife International 2000; Brisbin et al. 2002)

PS FACTOR SCORE=4

Threats to Breeding Populations (TB)

“population fluctuations related to rainfall...suggested adverse effects of agricultural chemicals...occasionally killed by collisions with powerlines, windmills...habitat destruction and alteration unquestionably most significant factor in historical declines...” (Brisbin et al. 2002)

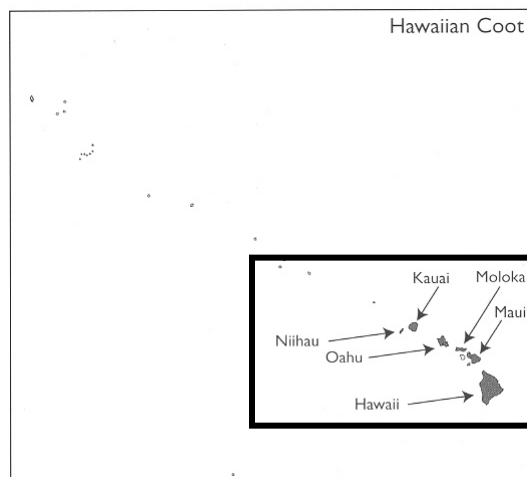
“suffered depredations from introduced predators (such as dogs, cats, mongooses)...insecticides and herbicides used to clear canals and drainage ditches serving sugarcane plantations by have poisoned...illegal killing occurred during last century...” (Taylor 1998)

TB FACTOR SCORE=5

Threats to Non-breeding Populations (TN)

TN FACTOR SCORE=5

Global Range (Taylor 1998; inset=plan area range)



Breeding Distribution (BD)

Hawaiian Islands (Delany and Scott 2002)

32,800 km² (plan area distribution; estimated from range maps)

BD FACTOR SCORE=5

Non-breeding Distribution (ND)

Hawaiian Islands (Delany and Scott 2002)

32,800 km² (plan area distribution; estimated from range maps)

ND FACTOR SCORE=5

Literature Cited:

- Brisbin, I. L., H. D. Pratt, and T. B. Mowbray. 2002. American Coot (*Fulica americana*) and Hawaiian Coot (*Fulica alai*). In *The Birds of North America*, No. 697 (A. Poole and F. Gill, eds.). The Birds of North America, Inc., Philadelphia, PA.
- Delany, S. and S. Scott. 2002. *Waterbird Population Estimates – Third Edition. Wetlands International Global Series No. 12*, Wageningen, The Netherlands. Pp:134
- Taylor, B. 1998. *Rails: A guide to the Rails, Crakes, Gallinules and Coots of the world*. Yale University Press. Pp: 535-536.
- Add recovery plan